

5. Consider the following statements regarding the seismic waves:

1. P waves can travel through solids while S wave can travel through solid, liquid and gases.
2. Shadow zone of P wave is wider than shadow zone of S waves.
3. P wave vibrate in parallel while S wave vibrate perpendicular to direction of wave propagation.

Which of the following is correct ?

- a) 1 and 2
- b) 1, 2 and 3
- c) Only 3
- d) None

6. Which of the following statements correctly define Petrology?

- (a) It is science of rocks deals with mineral composition, texture, structure, origin occurrence etc .
- (b) It is science of soils deals with mineral composition, texture, structure, origin occurrence etc.
- (c) It is science that deals with Volcanoes, its origin, location and causes.
- (d) It is science that deals with Earthquake, its origin, location and causes.

7. Which of the following will cause inflation in the country?

1. Monetary easing by RBI
2. Supply side constraints
3. Expansionist fiscal policy
4. Engaging in War
5. Rise in imports

Which of the following is correct ?

- (a) 1 and 3
- (b) 2, 3 and 4
- (c) 3 and 5
- (d) 1, 2, 3 and 4

8. Consider the following statements regarding UDAN scheme of the Ministry of Civil Aviation:

1. It seeks to provide connectivity to tier II and tier III cities through creation of new air-strips and air ports.
2. A Regional Connectivity Fund (RCF) will be created to meet the Viability Gap Funding requirements under the scheme.

Which of the above statements is/ are correct?

- (a) Only 1
- (b) Only 2
- (c) Both
- (d) None